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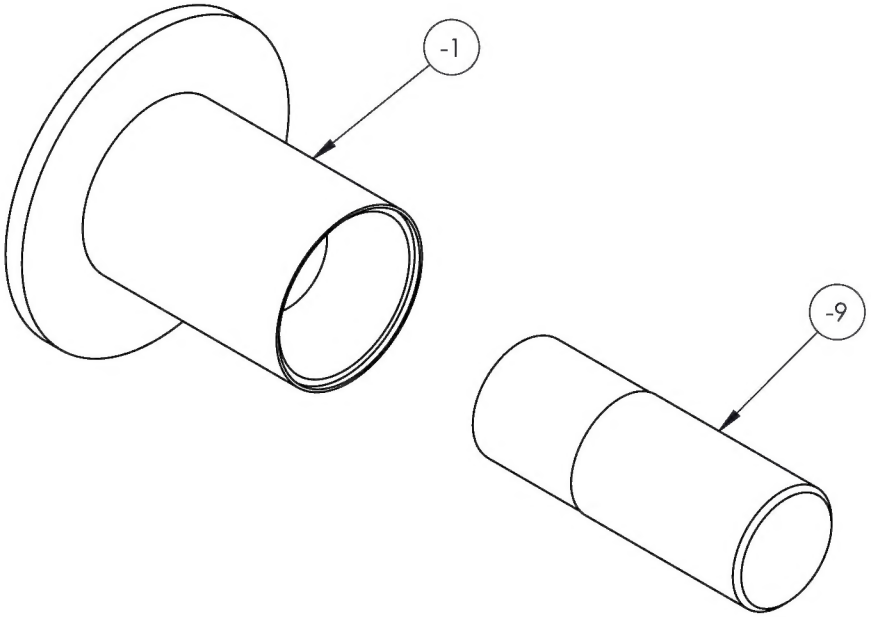
REVISIONS

REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		RELEASED FOR PRODUCTION.	1/22/2016	RJC	JAG



NOTE:
REFERENCE EUROCOPTER T/N 105-14181W1.

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
	X		-1	1	SUPPORT			2
	1		-3		BASE PLATE	1018/1020 CR		3
	1		-5		TUBE	1018/1020 CR		4
	1		-7		POST	PHENOLIC		5
			-9	1	DRIFT	6061		6
	1	B/O	-11		SOCKET HEAD CAP SCREW	S.S.	M10 X 1.5 X 20mm (MCMASTER-CARR #92290A516)	2
	4	B/O	-13		SOCKET HEAD CAP SCREW	S.S.	M5 X 0.8 X 16mm (MCMASTER-CARR #92290A232)	2
	ASSY -1							

DART AEROSPACE

TITLE: MOUNTING DEVICE

DWG NO. RBE105-14181W1 REV 1

MAT'L
HEAT TREAT
FINISH
SPEC

DRAWN BY: CLOUGH
CHECKED: DUERFELDT
OPPS APPR: ANDERSON
QA APPR: LINDSAY
APPROVED: GILBERT

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
.XXX ± .005 FRACTIONS ± 1/8
.XX ± .01 ANGLES ±.5°
.X ± .1 SURFACES = 125
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
2. DIMENSIONAL LIMITS APPLY AFTER PLATING
3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009

USED ON MODEL: EC145

SCALE 1:4 DATE 12/24/2015 SHEET 1 OF 6

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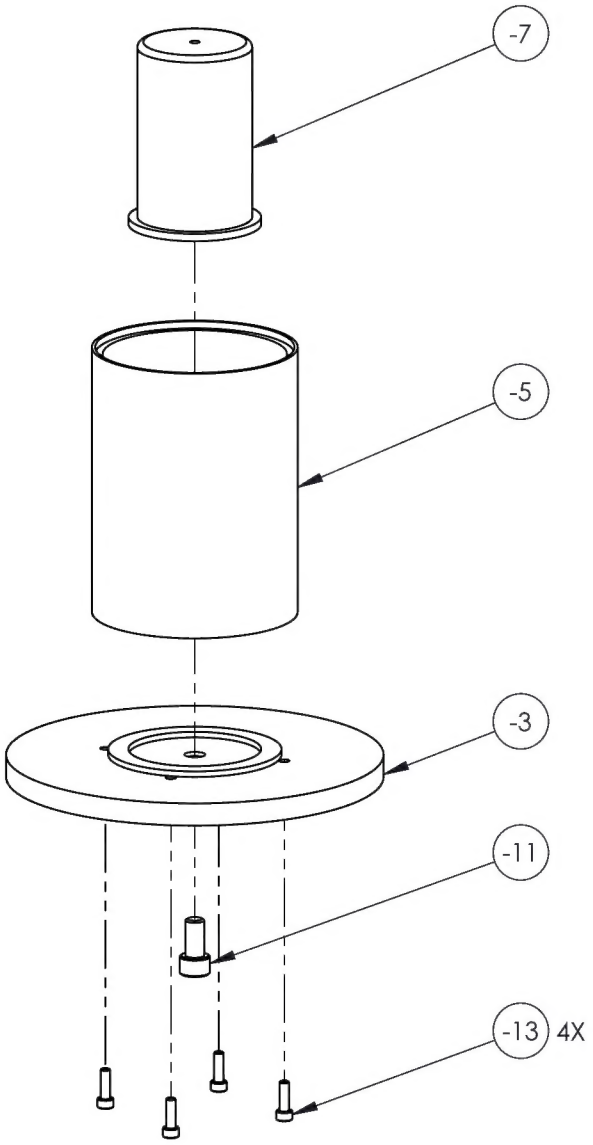
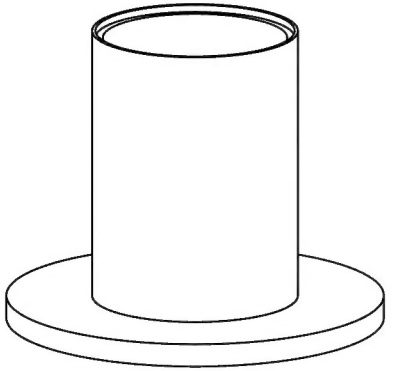
REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED



-1

SUPPORT



DART AEROSPACE

TITLE: MOUNTING DEVICE

DWG NO. RBE105-14181W1-1 REV 1

MAT'L	
HEAT TREAT	
FINISH	
SPEC	
DRAWN BY:	CLOUGH
CHECKED:	DUERFELDT
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
.XXX ± .005 FRACTIONS ± 1/8
.XX ± .01 ANGLES ±.5°
.X ± .1 SURFACES = 125

1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
2. DIMENSIONAL LIMITS APPLY AFTER PLATING
3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009

USED ON MODEL: EC145

SCALE 1:4 | DATE 12/24/2015 | SHEET 2 OF 6

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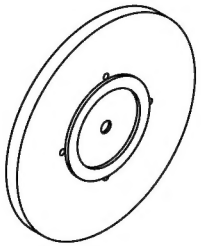
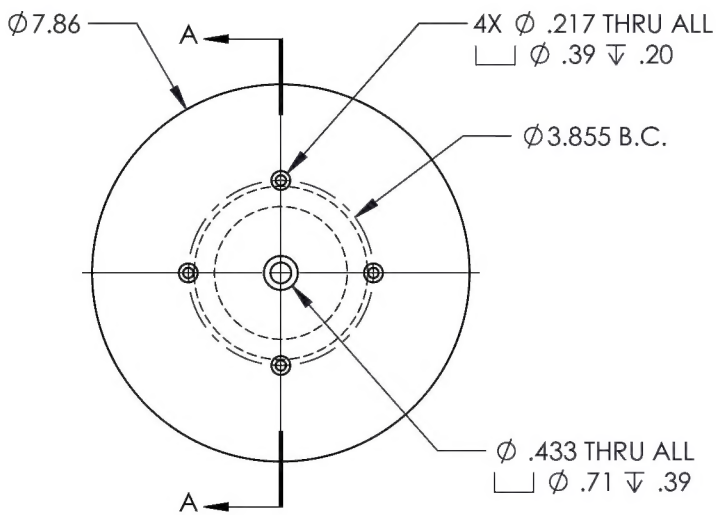
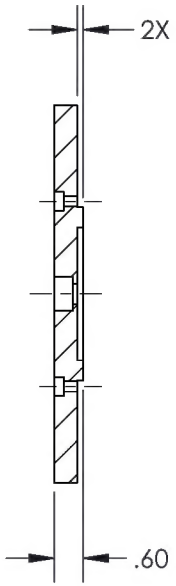
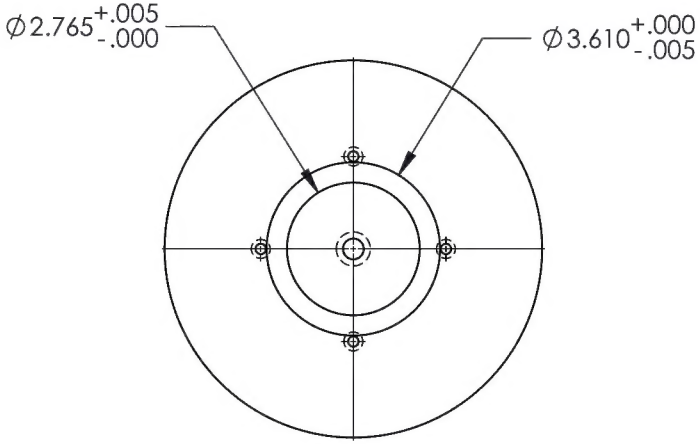
REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED







SECTION A-A



-3

BASE PLATE

DART AEROSPACE

TITLE	MOUNTING DEVICE
DWG NO.	RBE105-14181W1-3
REV	1
MAT'L	1018/1020 CR
HEAT TREAT	
FINISH	ZINC PLATE
SPEC	ASTM B633 TYPE I SC 2
DRAWN BY:	CLOUGH
CHECKED:	DUERFELDT
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
SCALE	1:4
DATE	12/24/2015
SHEET	3 OF 6

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
.XXX ± .005 FRACTIONS ± 1/8
.XX ± .01 ANGLES ±.5°
.X ± .1 SURFACES = 125

1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
2. DIMENSIONAL LIMITS APPLY AFTER PLATING
3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009

USED ON MODEL
EC145

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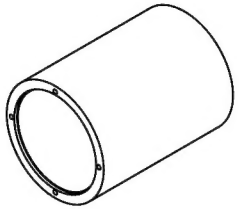
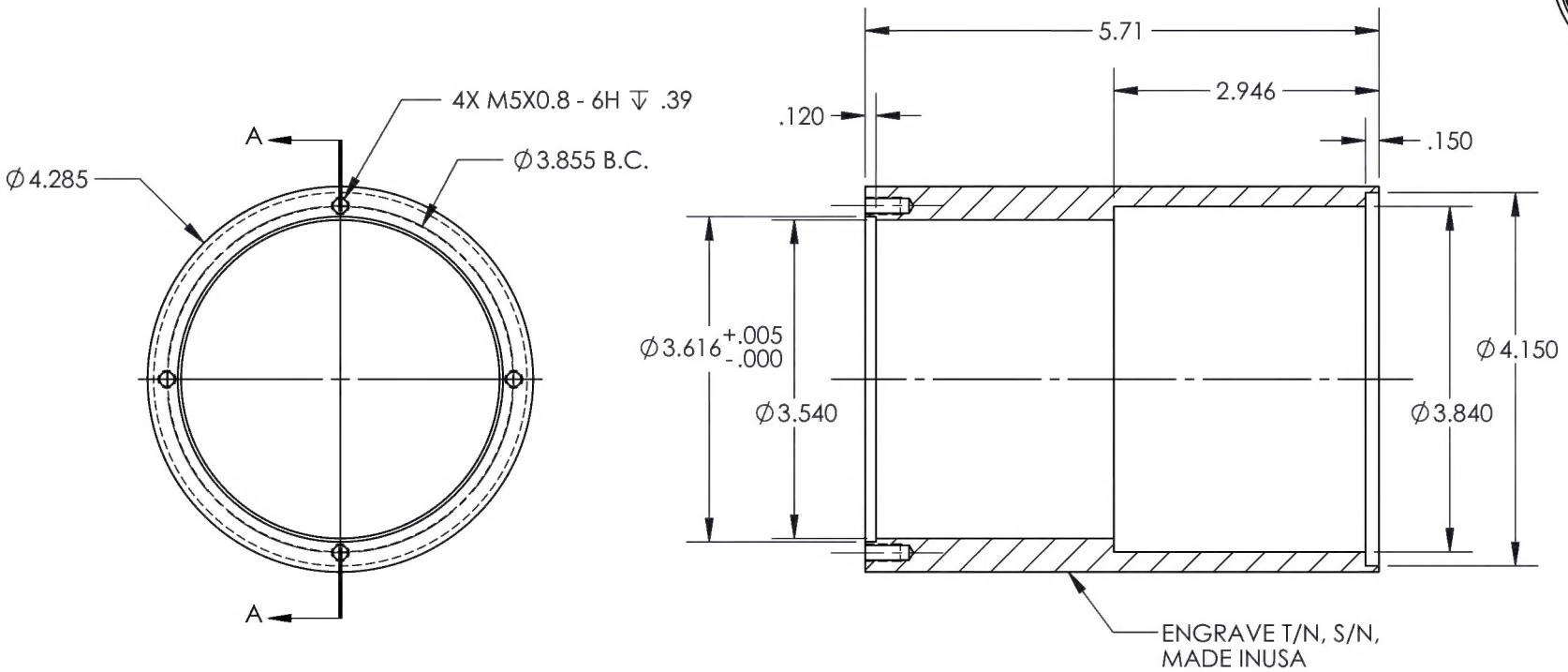
REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED





SECTION A-A

-5

TUBE

DART AEROSPACE

TITLE: MOUNTING DEVICE

DWG NO. RBE105-14181W1-5 REV 1

MAT'L	1018/1020 CR
HEAT TREAT	
FINISH	ZINC PLATE
SPEC	ASTM B633 TYPE I SC 2
DRAWN BY:	CLOUGH
CHECKED:	DUERFELDT
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
.XXX ± .005 FRACTIONS ± 1/8
.XX ± .01 ANGLES ±.5°
.X ± .1 SURFACES = 125

1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
2. DIMENSIONAL LIMITS APPLY AFTER PLATING
3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009

USED ON MODEL: EC145

SCALE 1:2 | DATE 12/24/2015 | SHEET 4 OF 6

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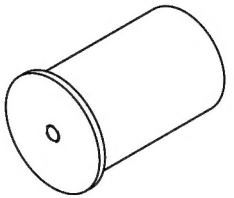
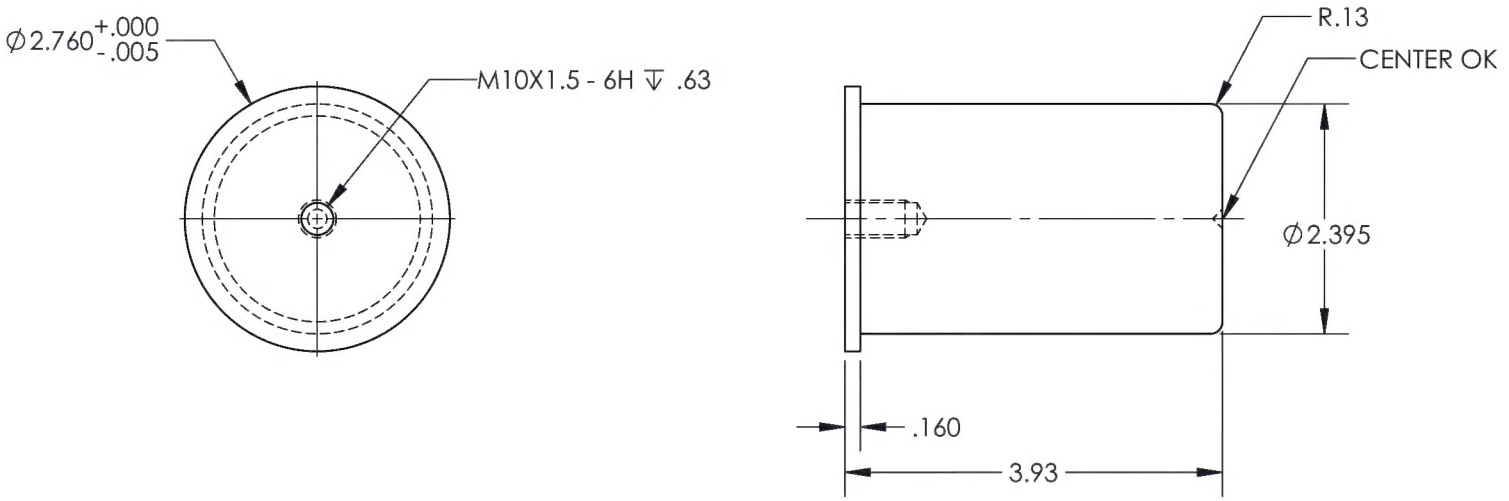
REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED





-7

POST

DART AEROSPACE

TITLE: MOUNTING DEVICE

DWG NO. RBE105-14181W1-7 REV 1

MAT'L	PHENOLIC
HEAT TREAT	
FINISH	
SPEC	
DRAWN BY:	CLOUGH
CHECKED:	DUERFELDT
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
.XXX ± .005 FRACTIONS ± 1/8
.XX ± .01 ANGLES ±.5°
.X ± .1 SURFACES = 125

1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
2. DIMENSIONAL LIMITS APPLY AFTER PLATING
3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009

USED ON MODEL: EC145

SCALE 1:2 DATE 12/24/2015 SHEET 5 OF 6

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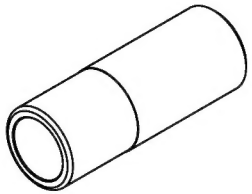
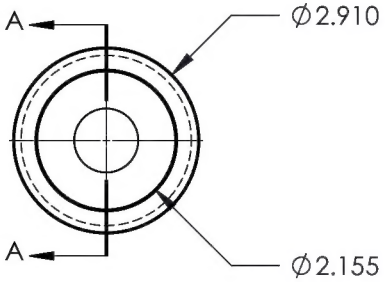
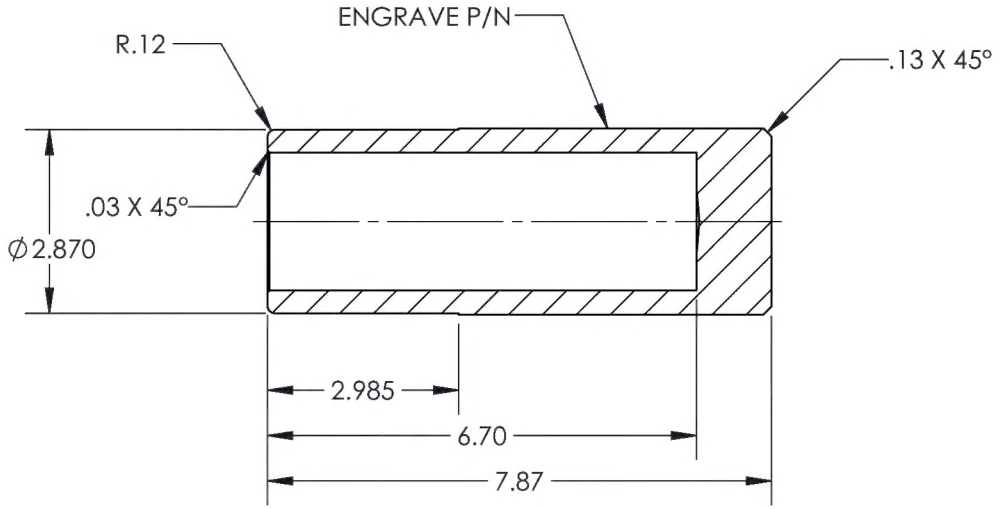
REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED







SECTION A-A

-9

DRIFT

DART AEROSPACE

TITLE: MOUNTING DEVICE

DWG NO. RBE105-14181W1-9 REV 1

MAT'L	6061
HEAT TREAT	
FINISH	CLEAR ANODIZE
SPEC	MIL-A-8625, TYPE II, CLASS I
DRAWN BY:	CLOUGH
CHECKED:	DUERFELDT
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
.XXX ± .005 FRACTIONS ± 1/8
.XX ± .01 ANGLES ±.5°
.X ± .1 SURFACES = 125
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
2. DIMENSIONAL LIMITS APPLY AFTER PLATING
3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009

USED ON MODEL: EC145

SCALE 1:3 | DATE 12/24/2015 | SHEET 6 OF 6